ICSBEP FIVE-YEAR PLAN	
OAK RIDGE NATIONAL LABORATORY	
IDENTIFIER	***DRAFT TITLE***
FY-2005	
LEU-COMP-THERM-068	Plexiglas, Concrete, and Steel-reflected U(4.46)3O8 with H/U=1.25
LEU-COMP-THERM-069	Plexiglas and Concrete-Reflected U(4.46)3O8 with H/U=2.05
LEU-MET-THERM-007	Libby Johnson U(4.89) Metal Rods in Water or Uranyl Fluoride Solution
U233-COMP-THERM-004	Bettis U233-Th Lattice Physics Experiments, Judd Hardy, et.al.
U233-SOL-THERM-016	Un-reflected Solutions of ^{233}UO2(NO3)2 in Cylinders
U233-SOL-THERM-017	Water-Reflected Solutions of ^{233}UO2(NO3)2 in Cylinders
FY-2006	
IEU-MET-THERM-001	Cronin U(37.5) Metal Experiments, Recently Unclassified
IEU-SOL-THERM-006	Cronin UF4-CF2 from 0.2 to 37.5% U-235 (ORNL-2968)
LEU-COMP-THERM-067	Cronin Sterotex U(4.89) Blocks, H/U from 0 to 37, ORNL-2986
LEU-MET-THERM-008	Libby Johnson U(4.89) Metal Rods, Various Interstitial Absorbers
FY-2007	
SUB-HEU-MET-THERM-001	Research Reactor Fuel Assemblies (MURR fuel)
SUB-HEU-SOL-THERM-002	WINCO Slab Tanks with HEU Uranyl Nitrate Solution
U233-MET-INTER-001	Critical Measurements on the ^{233}U ZPPR Plates in the LANL ZEUS Assembly
MIX-COMP-INTER-004	Cooperative Analysis of ^{238}U MOX Experiment with LANL
FY-2008	
HEU-SOL-THERM-048	HEU Uranyl Fluoride Solution (82 g U/l) in Slab Arrays (ORNL/CF-56-7-148)
LEU-MET-THERM-009	Libby Johnson U(3.85) Annular Metal Billets (7.62 cm OD)
FY-2009	
FY-2010	
	Critical assemblies pertinent to reactor design & fuel cycle materials processing associated with the Generation-IV reactor concepts for nuclear energy generation, the advanced high temperature reactor concepts for hydrogen production and the space applications of nuclear energy. In this historical period, critical experiments pertinent to these applications were performed in Oak Ridge and elsewhere.